

In the Specification:

Please replace paragraph from page 1 at line 25 with new paragraph shown below:

A¹
The IT staff is tasked with simplifying remote access to eliminate downtime and reduce cost of supporting mobile user. IT needs ~~way~~ ways to automate, as much as possible, the changing of computer settings when connecting to the network from different locations. The solution must be easy to deploy and manage by the IT staff.

Please replace paragraph from page 8 at line 18 with new paragraph shown below:

A²
Network settings. Adjust parameters that are specific to the network to which the user is connecting, such ~~NetWare®~~ NetWare® or Windows NT. These parameters include specifying such network resources as printers, shared folders, and mapped network drives to be used from this particular location.

Please replace paragraph from page 11 and 12 starting at line 30 with new paragraph shown below:

A³
Reconfigured settings include:

IP parameters:

- Static or DHCP
- WINS settings, such as whether or not WINS is enabled
- Domain Name Services (DNS) settings
- Gateway settings
- Subnet settings

Proxy parameters for Netscape and Internet Explorer Network parameters:

- A3
end
- New Ware settings such as Novell(r) Novell® Preferred Service and Novell Directory Services (NDS) client information, including user name, password, tree name, and context.
 - Windows(r) Windows® login settings, including workgroup, computer name (primarily for cable modem usage where the computer name changes for at-home users for security reasons), and Windows NT Domains.
 - Network resources settings such as default printers, mapped network drives, and shared folders. Dialing parameters, such as calling card sequences, area code, and dialing prefixes Application parameters:
 - Connection method for Lotus Notes or cc:Mail
 - Dialing settings for WinFax
 - Connection method for Netscape(r) Netscape® and Microsoft(r) Mircosoft® Internet Explorer (LAN versus dial-up).

Please replace paragraph from page 12 at line 19 with new paragraph shown below:

A4

Managing IP addresses is a difficult task for the IT staff as well as for user. It is particularly cumbersome in environments where DHCP is not available or where users need to switch between static and dynamic IP addresses. To simplify management, the solution according to the present invention provides an easy means of distributing and updating static IP addresses to mobile users. The present invention provides automatic DNS settings and determines automatically whether or not DNS is enabled. In addition, it automates proxy settings for NetscapeCE Netscape® and MicrosoftCE Microsoft® Internet Explorer browsers if users need access through a firewall.

Please replace paragraph from page 14 at line 23 with new paragraph shown below:

A5

A dialog box appears at the Windows startup and prompts the user to enter the location according to the present invention. Because the profile is selected during start-up, the user does not have to reboot the

AS
end

computer before the settings become effective. This saves even more time. Selecting the location profile is quick and easy according to the present invention. User's Users of the present invention no longer have to struggle with the complexities of dialing. This is especially helpful for people who travel internationally. The present invention also simplifies the use of calling cards by providing an updated drop-down list of AT&T calling card access numbers along with the appropriate delay parameters. In addition, the present invention makes it easy to distribute the correct dialing sequence for a calling card. The IT department can determine the sequence and distribute it, so every user can easily use convenient calling cards. Laptop users who use a docking station at the office and also work from home can switch effortlessly between docked and undocked operations. The present invention remembers the location profile selected the last time the laptop was docked and the profile selected the last time the laptop was undocked. It automatically detects whether the computer is docked or undocked and selects the proper profile when the user starts up the computer.

Please replace paragraph from page 17 at line 26 with new paragraph shown below:

Ab

The attachment 1205 1250 is readable by the user's client application. The attachment 1250 in the example shown in Figure 12 includes a tag 1251 indicating that the contents of the field 1256 designates the name of the location specification for the user that the attachment pertains. In the example shown in Figure 12, the location specification designated is named "HOME". The tag 1252 indicates that the contents of the field 1257 designate the IP address, which in this example is 104.93.108.5. The tag 1253 indicates that the contents of the field 1258 designates the DNS configuration, which in the example is disabled. The tag 1254 indicates that the contents of the field 1259 designates the gateway, which in this example is not specified. The tag 1255 indicates that the contents of the field 1260 designates the WINS configuration, which in the example is set to DHCP.

Please replace paragraph from page 18 at line 5 with new paragraph shown below:

Centralized deployment and management is provided by the present invention. The IT staff can manage the present invention from a central location, which helps keep network management costs in check. The staff can configure and install client software, including location profiles, from a central location using a software deployment mechanism such as Microsoft® SMS. Installation is silent and requires no user intervention.

Please replace paragraph from page 18 at line 25 with new paragraph shown below:

Figure 13 illustrates a method 1300 performed at the user's client computer 201 203 for updating a user's location settings according to the present invention. The user's client computer 203 receives the e-mail from the administrator at step 1301. The client application pulls the e-mail from the user's in-box at step 1302. The client application opens the attachment to the e-mail at step 1303. The client application retrieves the operating system information from the client computer 203 at step 1304. Test 1305 determines whether or not the attachment to the e-mail defines a new location or not. If the location name does not correspond to any of the already existing location specification in the user's client application, then the attachment defines a new location specification. If a new location is specified, then the client application creates a new location at step 1306 within the client application; otherwise, the method 1300 proceeds to step 1307, where the contents of the attachment are interpreted by the client application. At step 1307, the client application refers to hard-coded program logic which associates the generically defined location settings to the specific location values which correspond to the operating system on the user's client computer 203. At step 1308, the location settings within the configuration specification are written with the location values derived by the interpretation step from the location settings in the e-mail attachment.